

Claims

What is claimed is:

1. A PDA with a protective cover for a display panel comprising:
a PDA body with at least one display panel; and
a protective cover, with a window opening, connected to the PDA body for
sliding relative to the PDA body to a first position for completely exposing
the display panel and to a second position for covering the display panel
with exposing part of the display panel corresponding to the window
opening.
2. The PDA as claimed in claim 1, wherein the PDA body and the protective
cover respectively have a sliding groove and a locking hook and change
relative position by the sliding groove and the locking hook sliding on each
other.
3. The PDA as claimed in claim 2, wherein the PDA body has a blocker for
preventing the locking hook from breaking away from the sliding groove in
the first position.
4. The PDA as claimed in claim 3, wherein the blocker is flexible and has a
blocker surface that does not allow the locking hook to break away from the
sliding groove and a slanted guiding surface that allows the locking hook to go
past the blocker from the external rim of the sliding groove by a compulsive
force.
5. The PDA as claimed in claim 1, wherein the PDA body and the protective
cover respectively have a locking blocker and a locking groove and the
locking blocker and the locking groove lock each other for restricting the
protective cover from sliding freely relative to the PDA body in the second
position.
6. The PDA as claimed in claim 5, wherein the locking blocker is flexible and
dissolving the locking groove and the locking blocker by a compulsive force.

7. The PDA as claimed in claim 1, wherein the PDA body has a hole for fitting the display panel and the display panel has a raising rim coupled with the window opening for forming a tiny display window in the second position.

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8. The PDA as claimed in claim 1, wherein the surface of the protective cover has a plurality of function keys.

9. The PDA as claimed in claim 8, wherein the PDA body and the protective cover respectively have an electric induction plate connected to the internal circuit of the PDA body and a sliding conductor used to connect the functional keys so that the function keys is used to perform operations and execution through the connection and conduction between the electric induction plate and the function keys whenever the protective cover is installed on the PDA body and slides relative to the PDA body.

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10. The PDA as claimed in claim 1, wherein the PDA body has a picture switching switch and the picture switching switch is pressed in the second position to make the display panel display only pictures relevant to cellular phone functions in an area seen through the window opening and is released in the first position to let the display panel show a picture relevant to the functions of PDA.

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11. A sliding cover with attached functional keys, connected to an electronic device equipped with a display panel for covering and protecting the display panel, said sliding cover comprises:
a protective cover with a window opening for exposing only part of the display panel corresponding to the window opening; and
at least one functional key mounted to the protective cover for executing operations corresponding to the pictures displayed through the window opening.

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12. The sliding cover as claimed in claim 11, wherein the protective cover has a locking hook for locking onto the electronic device.
13. The sliding cover as claimed in claim 11, wherein the window opening is a closed opening.
14. The sliding cover as claimed in claim 11, wherein the window opening is an open opening.